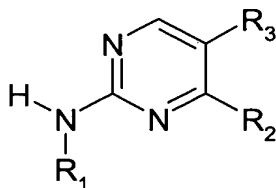


CLAIMS

We Claim:

1. A compound of the following formula (I):

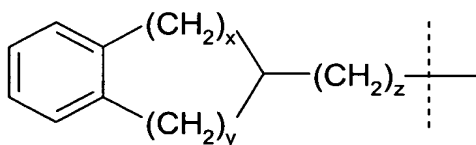


(I)

wherein:

R_1 is C_{1-8} alkyl, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl- C_{1-8} alkyl, naphthyl, quinoliny, aryl- C_{1-8} alkyl, or heteroaryl- C_{1-8} alkyl, wherein in each of the C_{1-8} alkyl groups a methylene group may optionally be replaced by -NHC(O)- or -C(O)NH-, and wherein each of the C_{1-8} alkyl groups is optionally substituted by an oxo group or one or more C_{1-3} alkyl groups wherein two alkyl substituents on the same carbon atom of a C_{1-8} alkyl group may optionally be combined to form a C_{2-5} alkylene bridge, and wherein the aryl group is optionally substituted on adjacent carbon atoms by a C_{3-6} alkylene bridge group wherein a methylene group is optionally replaced by an oxygen, -S-, -S(O)-, -SO₂- or -N(R₆)-;

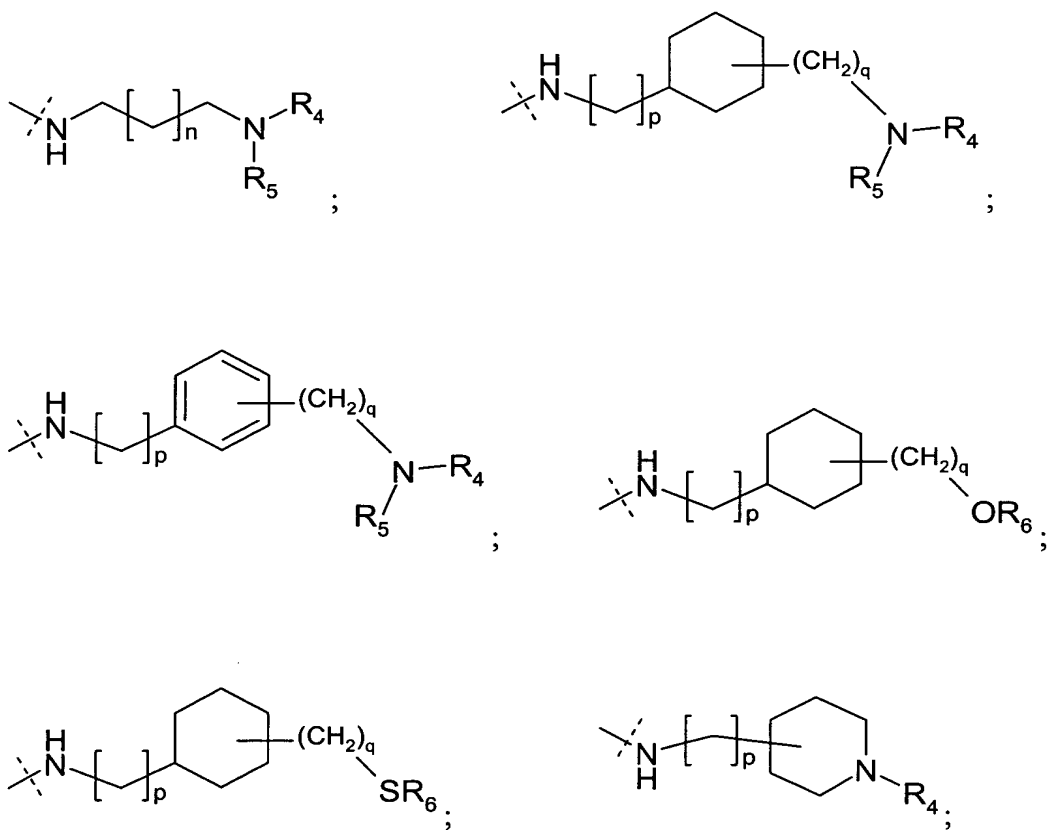
or R_1 has the following structure:

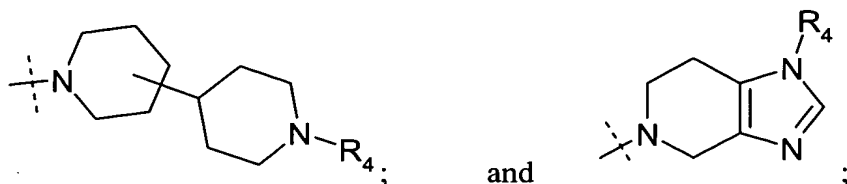


wherein x and y are independently 0, 1, 2, 3 or 4, provided that $x+y$ is 2 to 4, z is 0, 1 or 2, and one or two CH_2 groups in the ring may optionally be replaced by -O-, -S-, -S(O)-, -SO₂- or -N(R₆);

wherein each R_1 group is optionally substituted by one or more of the following groups: C_{1-6} alkyl, C_{3-6} cycloalkyl, halogen, nitro, hydroxy, C_{1-6} alkyloxy, C_{1-6} alkylthio, aryl, aryl C_{1-6} alkyl, aryloxy, arylthio, aminosulfonyl, or amino optionally substituted by one or two C_{1-6} alkyl groups, wherein each aryl group is optionally substituted by one or more C_{1-6} alkyl, halogen, nitro, hydroxy or amino optionally substituted by one or two C_{1-6} alkyl groups, and wherein in each of the C_{1-6} alkyl groups a methylene group may optionally be replaced by $-NHC(O)-$ or $-C(O)NH-$, and wherein each of the C_{1-6} alkyl groups is optionally substituted by one or more halogens;

R_2 is selected from the following groups:





wherein:

n is an integer from 3 to 8;

p is an integer from 1 to 3;

q is an integer from 0 to 3;

R_4 and R_5 are each independently selected from hydrogen, C_{1-6} alkyl, aryl C_{1-6} alkyl, or amidino, wherein each aryl group is optionally substituted by one or more C_{1-6} alkyl, halogen, nitro, hydroxy or amino optionally substituted by one or two C_{1-6} alkyl groups, and wherein each of the C_{1-6} alkyl groups is optionally substituted by one or more halogens, and wherein the amidino is optionally substituted by one to three C_{1-6} alkyl;

R_6 is hydrogen or C_{1-6} alkyl;

wherein each R_2 group is optionally substituted by one or more C_{1-6} alkyl, C_{1-6} alkoxy, CN, -OH, -NH₂ or halogen;

R_3 is halogen, cyano, nitro, C_{1-6} alkyl, C_{1-6} alkyloxycarbonyl or aminocarbonyl, wherein each of the C_{1-6} alkyl groups is optionally substituted by one or more halogens;

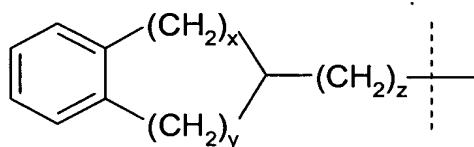
or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof,

with the proviso that the specific compounds of U.S. Patent Application Publication No. 2003/0171359 A1 are excluded.

2. A compound of formula (I) according to claim 1, wherein:

R₁ is aryl-C₁₋₄alkyl or heteroaryl-C₁₋₄alkyl, wherein in each of the C₁₋₄alkyl groups a methylene group may optionally be replaced by -NHC(O)- or -C(O)NH-, and wherein each of the C₁₋₄alkyl groups is optionally substituted by an oxo group or one or more C₁₋₃alkyl groups wherein two alkyl substituents on the same carbon atom of a C₁₋₄alkyl group may optionally be combined to form a C₂₋₅ alkylene bridge, and wherein the aryl group is optionally substituted on adjacent carbon atoms by a C₃₋₆alkylene bridge group wherein a methylene group is optionally replaced by an oxygen, sulfur or -N(R₆)-;

or R₁ has the following structure:

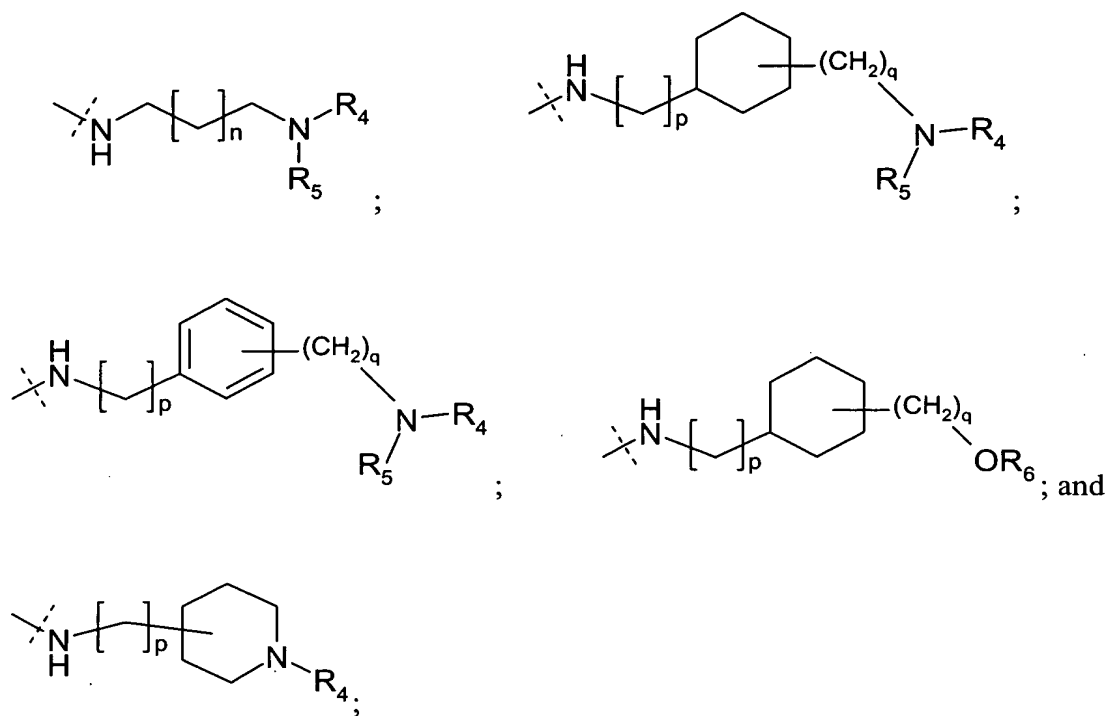


wherein x and y are independently 0, 1, 2 or 3, provided that x+y is 2 to 3, and z is 0 or 1;

wherein "heteroaryl" is defined as pyridyl, furyl, thienyl, pyrrolyl, imidazolyl, or indolyl;

wherein each R₁ group is optionally substituted by one or more of the following groups: C₁₋₆alkyl, Cl, Br, F, nitro, hydroxy, CF₃, -OCF₃, -OCF₂H, -SCF₃, C₁₋₄alkyloxy, C₁₋₄alkylthio, phenyl, benzyl, phenyloxy, phenylthio, aminosulfonyl, or amino optionally substituted by one or two C₁₋₃alkyl groups;

R₂ is selected from the following groups:



wherein:

n is an integer from 5 to 7;

p is an integer from 1 to 2;

q is an integer from 1 to 2;

R_4 and R_5 are each independently selected from hydrogen, C_{1-6} alkyl, aryl C_{1-6} alkyl, or amidino;

R_6 is hydrogen;

R_3 is Br, Cl, F, cyano or nitro;

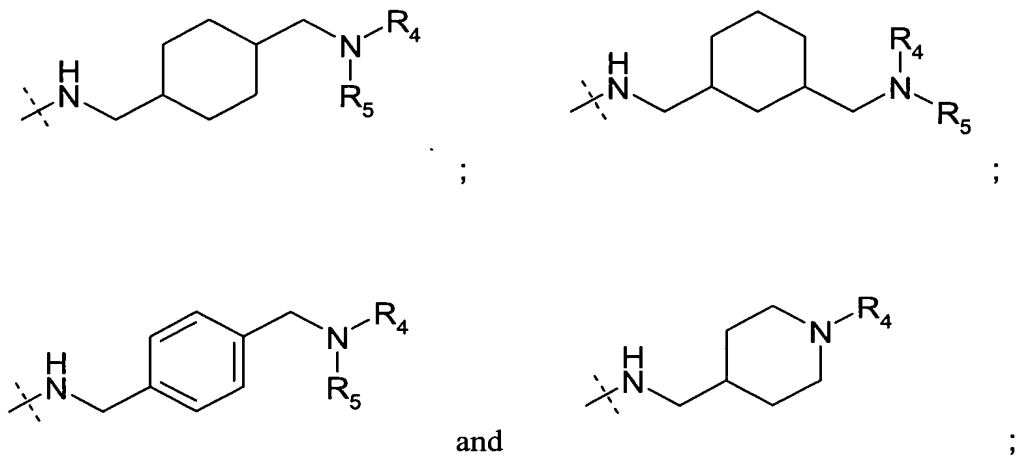
or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof;

3. A compound of formula (I) according to claim 1, wherein:

R₁ is phenyl-C₁₋₄alkyl or naphthylC₁₋₂alkyl,

wherein each R₁ group is optionally substituted by one or more of the following groups: methyl, Cl, Br, F, nitro, hydroxy, CF₃, -OCF₃, -SCF₃, C₁₋₄alkyloxy or C₁₋₄alkylthio;

R₂ is selected from the following groups:



wherein:

R₄ and R₅ are each independently selected from hydrogen, C₁₋₃ alkyl, or amidino;

R₃ is Br, Cl, cyano or nitro;

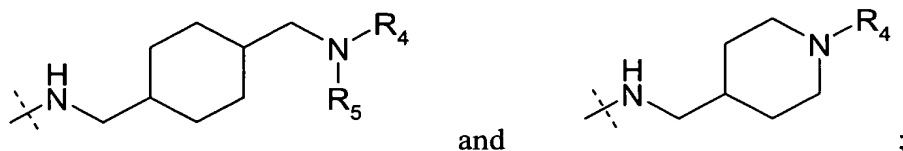
or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof;

4. A compound of formula (I) according to claim 1, wherein:

R₁ is phenylCH₂-

wherein the phenyl group is optionally substituted by one or more of the following groups: methyl, Cl, Br, F, nitro, hydroxy, CF₃, -OCF₃, -SCF₃, C₁₋₄alkyloxy or C₁₋₄alkylthio;

R₂ is selected from the following groups:



R₃ is nitro;

R₄ and R₅ are each independently selected from hydrogen, methyl, or amidino;

or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof.

5. A compound according to claim 1 selected from:

ethyl 4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-2-[(2-chlorobenzyl)amino]pyrimidine-5-carboxylate;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-[(2*R*)-1,2,3,4-tetrahydronaphthalen-2-yl]pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-[(2*S*)-1,2,3,4-tetrahydronaphthalen-2-yl]pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-[(1*R*)-1,2,3,4-tetrahydronaphthalen-1-yl]pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-[(1*S*)-1,2,3,4-tetrahydronaphthalen-1-yl]pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-*N*²-[2-(4-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(2-methylphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-methylphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-methylphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(2-fluorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-fluorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-fluorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^2 -(2-aminobenzyl)- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3,5-dimethoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[3,5-bis(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;

{3-[(2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl)amino]methyl}phenyl}methane amine;

2-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)phenol;

N^2 -(5-amino-2-chlorobenzyl)- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitropyrimidine-2,4-diamine;

4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-2-[(2-chlorobenzyl)amino]pyrimidine-5-carboxamide;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chlorobenzyl)-5-fluoropyrimidine-2,4-diamine;

3-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)-N-[2-(2-methylphenyl)ethyl]benzamide;

(1S,2R)-2-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)cyclohexanol;

(1R,2R)-2-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)cyclohexanol;

methyl 4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-2-[(2-chlorobenzyl)amino]pyrimidine-5-carboxylate;

4-{[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}-N-[2-(2-methylphenyl)ethyl]butanamide;

5-{[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}-N-[2-(2-methylphenyl)ethyl]pentanamide;

6-{[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}-N-[2-(2-methylphenyl)ethyl]hexanamide;

(1R,3R)-3-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)-4,4-dimethylcyclohexanol;

N⁴-(4-*cis*-[(dimethylamino)methyl]cyclohexyl)methyl)-N²-(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N²-[2-(methylthio)benzyl]-5-nitro-N⁴-(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

5-nitro-N⁴-(piperidin-4-ylmethyl)-N²-{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N²-(1-naphthylmethyl)-5-nitro-N⁴-(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

N⁴-(4-[(dimethylamino)methyl]cyclohexyl)methyl)-N²-[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{4-[(dimethylamino)methyl]benzyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{4-[(dimethylamino)methyl]benzyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N^4 -{4-[(dimethylamino)methyl]benzyl}- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -[(1-methylpiperidin-4-yl)methyl]- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -[(1-methylpiperidin-4-yl)methyl]-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N^4 -[(1-methylpiperidin-4-yl)methyl]- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^2 -(2-chlorobenzyl)- N^4 -[(1-methylpiperidin-4-yl)methyl]-5-nitropyrimidine-2,4-diamine;

N^2 -(2-methoxybenzyl)- N^4 -[(1-methylpiperidin-4-yl)methyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-methoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[2-(trifluoromethyl)benzyl]pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-methoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[4-fluoro-2-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(pyridin-2-ylmethyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-dimethoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-chloro-5-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-6-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-furylmethyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(thien-2-ylmethyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chlorobenzyl)-5-methylpyrimidine-2,4-diamine;
 N^4 -(6-aminoheptyl)- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -[4-(aminomethyl)benzyl]- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -(7-aminoheptyl)- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[3-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1-methyl-1-phenylethyl)-5-nitropyrimidine-2,4-diamine;
4-(4,4'-bipiperidin-1-yl)- N -(2-chlorobenzyl)-5-nitropyrimidin-2-amine;
 N^2 -(2-chlorobenzyl)- N^4 -(4-[(dimethylamino)methyl]cyclohexyl)methyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[4-(difluoromethoxy)benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-ethoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[(1S)-1-phenylethyl]pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(4-pentylbenzyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-butoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dimethoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-dimethoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^2 -(2-chlorobenzyl)- N^4 -[7-(dimethylamino)heptyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1,1'-biphenyl-2-ylmethyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-fluoro-4-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -(2-chlorobenzyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,6-dimethoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,6-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-fluoro-3-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(1-phenylcyclopropyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[1-(2-chlorophenyl)-1-methylethyl]-5-nitropyrimidine-2,4-diamine;

- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dihydro-1-benzofuran-5-ylmethyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[(1,5-dimethyl-1H-pyrrol-2-yl)methyl]-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dimethylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-dimethylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-dimethylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-fluoro-5-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(6-chloro-2-fluoro-3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-6-fluoro-3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -2-naphthyl-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-fluoro-4-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[5-fluoro-2-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-difluoro-4-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-fluoro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -1-naphthyl-5-nitropyrimidine-2,4-diamine;

{4-*trans*-[(2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl)amino)methyl]cyclohexyl}methanol;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -(2,5-dichlorobenzyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -(2,4-dichlorobenzyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -(2-bromobenzyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(cyclohexylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -[2-(trifluoromethoxy)benzyl]pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -[2-(trifluoromethyl)benzyl]pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(difluoromethoxy)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[3-(difluoromethoxy)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-4-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-3,6-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(2,3,5-trifluorobenzyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(2,3,4,5-tetrafluorobenzyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[(1R)-1-phenylethyl]pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -2,3-dihydro-1H-inden-2-yl-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[(1S)-2,3-dihydro-1H-inden-1-yl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[(1R)-2,3-dihydro-1H-inden-1-yl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chloro-1-naphthyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-methoxy-2-naphthyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -quinolin-6-ylpyrimidine-2,4-diamine;
 N^4 -{[4-*trans*-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-*trans*-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(2-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-6-phenoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -2-naphthylpyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-bromo- N^2 -(1-naphthylmethyl)pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(pyridin-3-ylmethyl)pyrimidine-2,4-diamine;
4-([4-(aminomethyl)cyclohexyl]methyl)amino)-2-[(2-chlorobenzyl)amino]pyrimidine-5-carbonitrile;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[4-(dimethylamino)benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-*trans*-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -(7-aminoheptyl)- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -(7-aminoheptyl)- N^2 -(2,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N -({4-[(2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl)amino]methyl}cyclohexyl)methyl)guanidine;

N^2 -(3-aminobenzyl)- N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(2-nitrobenzyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(2-bromophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-chloropyrimidine-2,4-diamine;

(4-{[(2-{[2-(1H-indol-3-yl)ethyl]amino}-5-nitropyrimidin-4-yl)amino]methyl}cyclohexyl)methanaminium chloride;

N -({3-[(2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl)amino]methyl}cyclohexyl)methyl)guanidine;

3-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)phenol;

(4-{[(2-{[2-(1H-imidazol-4-yl)ethyl]amino}-5-nitropyrimidin-4-yl)amino]methyl}cyclohexyl)methanaminium chloride;

N^2 -(2-chlorobenzyl)- N^4 -({4-*cis*-[(dimethylamino)methyl]cyclohexyl)methyl}-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-chloro- N^2 -(2-chlorobenzyl)pyrimidine-2,4-diamine;

N^2 -(2-chlorobenzyl)-5-nitro- N^4 -(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(2-phenylethyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(3-phenylpropyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(4-phenylbutyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -(2-phenylpropyl)pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-methoxyphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-methoxyphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(2-methoxyphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

4-[(2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl)amino)methyl]piperidine-1-carboximidamide;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -(5-aminopentyl)- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine ;

2-(benzylamino)-4-(1,4,6,7-tetrahydro-imidazo[4,5-c]pyridin-5-yl)-5-trifluoromethyl-pyrimidine ;

2-(4-chlorobenzylamino)-4-(1,4,6,7-tetrahydro-imidazo[4,5-c]pyridin-5-yl)-5-nitro-pyrimidine ;

2-(2-chlorobenzylamino)-4-(1,4,6,7-tetrahydro-imidazo[4,5-c]pyridin-5-yl)-5-nitro-pyrimidine ;

2-(benzylamino)-4-(1,4,6,7-tetrahydro-imidazo[4,5-c]pyridin-5-yl)-5-nitro-pyrimidine ;

or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof.

6. A compound according to claim 1, selected from:

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[(2R)-1,2,3,4-tetrahydronaphthalen-2-yl]pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-methylphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-methylphenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(3-fluorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(4-fluorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

(1R,3R)-3-({[4-({[4-(aminomethyl)cyclohexyl]methyl}amino)-5-nitropyrimidin-2-yl]amino}methyl)-4,4-dimethylcyclohexanol;

N^4 -({4-*cis*-[(dimethylamino)methyl]cyclohexyl}methyl)- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^2 -[2-(methylthio)benzyl]-5-nitro- N^4 -(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

5-nitro- N^4 -(piperidin-4-ylmethyl)- N^2 -{2-[(trifluoromethyl)thio] benzyl} pyrimidine-2,4-diamine;

N^2 -(1-naphthylmethyl)-5-nitro- N^4 -(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl} pyrimidine-2,4-diamine;

N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{4-[(dimethylamino)methyl]benzyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{4-[(dimethylamino)methyl]benzyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio] benzyl}pyrimidine-2,4-diamine;

N^4 -[(1-methylpiperidin-4-yl)methyl]- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -[(1-methylpiperidin-4-yl)methyl]-5-nitro- N^2 -{2-[(trifluoromethyl)thio] benzyl}pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-methoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[2-(trifluoromethyl)benzyl]pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[4-fluoro-2-(trifluoromethyl) benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-chloro-5-(trifluoromethyl) benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[2-(trifluoromethoxy) benzyl]pyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-6-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[3-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^2 -(2-chlorobenzyl)- N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,5-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-ethoxybenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1,1'-biphenyl-2-ylmethyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,4-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,6-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-fluoro-3-(trifluoromethyl) benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dimethylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl} pyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(6-chloro-2-fluoro-3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chloro-6-fluoro-3-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -2-naphthyl-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(4-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(3-chloro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[5-fluoro-2-(trifluoromethyl)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-chloro-2-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-difluoro-4-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 -{[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(5-fluoro-2-methylbenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-bromo- N^2 -(2,5-dichlorobenzyl)pyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-bromo- N^2 -(2-bromobenzyl) pyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -(cyclohexylmethyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-bromo- N^2 -[2-(trifluoromethyl)benzyl]pyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -[2-(difluoromethoxy)benzyl]-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -(2-chloro-4-fluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -(2-chloro-3,6-difluorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-nitro- N^2 -(2,3,5-trifluorobenzyl)pyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -2,3-dihydro-1H-inden-2-yl-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -(4-chloro-1-naphthyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -(4-methoxy-2-naphthyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-nitro- N^2 -quinolin-6-ylpyrimidine-2,4-diamine;
 N^4 - {[4-*trans*-(aminomethyl)cyclohexyl]methyl} - N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -[2-(2-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} - N^2 -[2-(3-chlorophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;
 N^4 - {[4-(aminomethyl)cyclohexyl]methyl} -5-bromo- N^2 -2-naphthylpyrimidine-2,4-diamine;
4-([4-(aminomethyl)cyclohexyl]methyl)amino)-2-[(2-chlorobenzyl) amino]pyrimidine-5-carbonitrile;
 N^4 - {[4-*trans*-(aminomethyl)cyclohexyl]methyl} - N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -(7-aminoheptyl)- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;
 N^4 -(7-aminoheptyl)- N^2 -(2,5-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N-({4-[({2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl} amino) methyl]cyclohexyl} methyl)guanidine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-(2-nitrobenzyl)pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-*N*²-[2-(2-bromophenyl)ethyl]-5-nitropyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-*N*²-(2-bromobenzyl)-5-chloropyrimidine-2,4-diamine;

N-({3-[({2-[(2-chlorobenzyl)amino]-5-nitropyrimidin-4-yl} amino)methyl]cyclohexyl} methyl)guanidine;

3-({4-({4-(aminomethyl)cyclohexyl]methyl} amino)-5-nitropyrimidin-2-yl]amino} methyl)phenol;

*N*²-(2-chlorobenzyl)-*N*⁴-({4-cis-[(dimethylamino)methyl]cyclohexyl} methyl)-5-nitropyrimidine-2,4-diamine;

*N*²-(2-chlorobenzyl)-5-nitro-*N*⁴-(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-(2-phenylethyl)pyrimidine-2,4-diamine;

*N*⁴-{[4-(aminomethyl)cyclohexyl]methyl}-5-nitro-*N*²-(4-phenylbutyl)pyrimidine-2,4-diamine;

or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof.

7. A compound according to claim 1, selected from:

*N*⁴-({4-[(dimethylamino)methyl]cyclohexyl} methyl)-*N*²-(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

*N*²-[2-(methylthio)benzyl]-5-nitro-*N*⁴-(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

5-nitro-*N*⁴-(piperidin-4-ylmethyl)-*N*²-{2-[(trifluoromethyl)thio] benzyl}pyrimidine-2,4-diamine;

*N*²-(1-naphthylmethyl)-5-nitro-*N*⁴-(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

*N*⁴-({4-[(dimethylamino)methyl]cyclohexyl} methyl)-*N*²-[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

*N*⁴-({4-[(dimethylamino)methyl]cyclohexyl} methyl)-5-nitro-*N*²-{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N^4 - ({4-[(dimethylamino)methyl]cyclohexyl}methyl)- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {4-[(dimethylamino)methyl]benzyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 - {4-[(dimethylamino)methyl]benzyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio] benzyl}pyrimidine-2,4-diamine;

N^4 - [(1-methylpiperidin-4-yl)methyl]- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 - [(1-methylpiperidin-4-yl)methyl]-5-nitro- N^2 -{2-[(trifluoromethyl)thio] benzyl}pyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-methoxybenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -[2-(trifluoromethoxy) benzyl]pyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[3-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-chlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^2 -(2-chlorobenzyl)- N^4 -({4-[(dimethylamino)methyl]cyclohexyl}methyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -[2-(methylthio)benzyl]-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}-5-nitro- N^2 -{2-[(trifluoromethyl)thio]benzyl}pyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(1-naphthylmethyl)-5-nitropyrimidine-2,4-diamine;

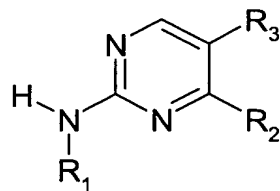
N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2,3-dichlorobenzyl)-5-nitropyrimidine-2,4-diamine;

N^4 - {[4-(aminomethyl)cyclohexyl]methyl}- N^2 -(2-bromobenzyl)-5-nitropyrimidine-2,4-diamine;

N^2 -(2-chlorobenzyl)-5-nitro- N^4 -(piperidin-4-ylmethyl)pyrimidine-2,4-diamine;

or a tautomer, pharmaceutically acceptable salt, solvate, or amino-protected derivative thereof.

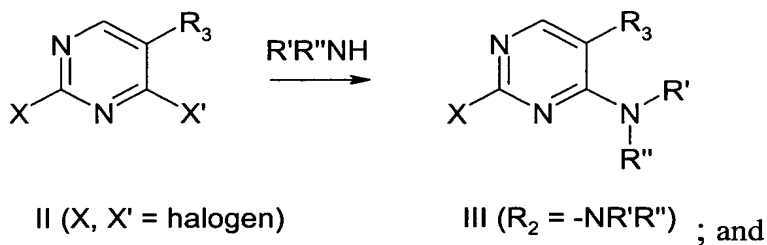
8. A pharmaceutical composition comprising a compound according to claim 1, and at least one pharmaceutically acceptable carrier or adjuvant.
9. A method of treating a disease or disorder that is mediated or sustained through the activity of PKC-theta in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.
10. A method of treating a disease or disorder associated with the activation of T cells in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.
11. A method of treating an immunological disorder in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.
12. A method of treating an inflammatory disease, an autoimmune disease, organ and bone marrow transplant rejection, acute or chronic inflammation, allergies, contact dermatitis, psoriasis, rheumatoid arthritis, multiple sclerosis, type I diabetes, inflammatory bowel disease, Guillain-Barre syndrome, Crohn's disease, ulcerative colitis, graft versus host disease or lupus erythematosus in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.
13. A method of treating type II diabetes in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.
14. A method of making a compound of the formula (I) below:



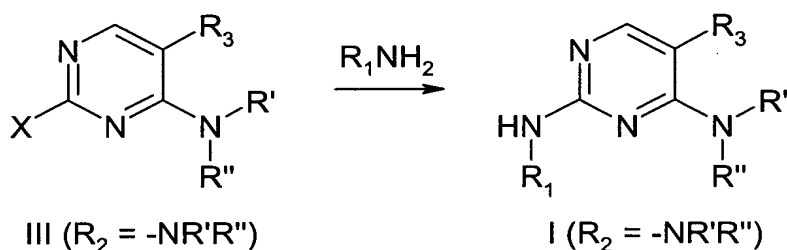
(I)

wherein R_1 , R_2 and R_3 are as defined in claim 1, said method comprising:

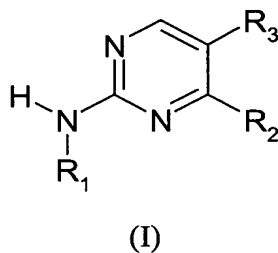
- (a) reacting the compound of formula (II), wherein X and X' are halogens, with an amine $R'R''NH$, wherein $R_2 = -NR'R''$, in the presence of a base to form a compound of formula (III):



- (b) reacting the compound of formula (III) with an amine R_1NH_2 to form the compound of formula (I):

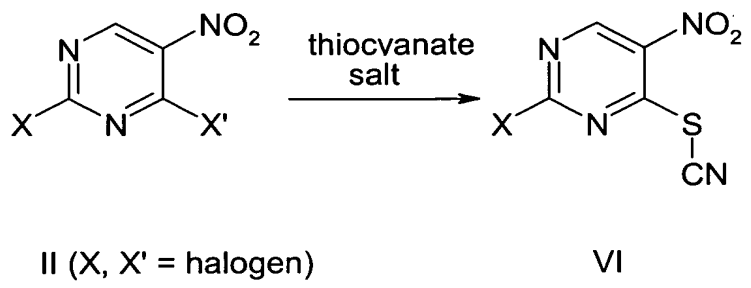


15. A method of making a compound of the formula (I) below:

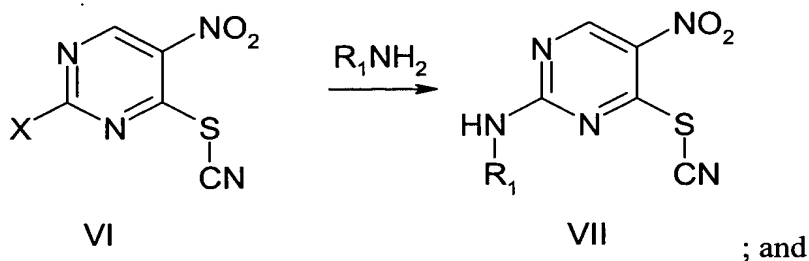


wherein R_1 and R_2 are as defined in claim 1 and R_3 is NO_2 , said method comprising:

- (a) reacting the compound of formula (II), wherein X and X' are halogens, with a thiocyanate salt to produce a compound of formula (VI):



- (b) reacting the compound of formula (VI) with R_1NH_2 in the presence of a base to provide the compound of formula (VII):



- (c) reacting the compound of formula (VII) with an amine $R'R''NH$, wherein $R_2 = -NR'R''$, to provide the compound of formula (I):

